

APPLICANT INFORMATION FOR DOMESTIC WASTE

This is a proposed reissuance of an existing NPDES Permit No. MO-0095435 for Prairie View Heights Wastewater Treatment Facility, Sexton Drive, Springfield, Missouri 65810, owned by Schell Sanitation, Inc., 3658 W. Sexton, Springfield, Missouri 65810, to discharge to an Unnamed Tributary to Wilson Creek (James River Basin), at SE 1/4, NE 1/4, Section 17, T28N, R22W, Greene County, wastewater resulting from domestic wastewater. The discharge is an existing discharge with a present average flow of 21,000 gal/day and a design flow of 50,000 gal/day. Reissuance is proposed to renew permit which expires January 30, 1991. The proposed permit terms and conditions, prepared by the Southwest Regional Office, are as follows:

PROPOSED PROPOSED
EFFLUENT LIMITATIONS MONITORING REQUIREMENTS

Effective Date	Issuance	Final	Final	Measurement	Sample
		<u>Limitations</u>	<u>Limitations</u>		
Outfall Number and	Daily	Weekly	Monthly	Frequency	Type
Effluent Parameter(s)	Maximum	Average	Average		
Units of Measurement	mg/l	mg/l	mg/l		

Outfall #001

Flow-m ³ /Day	MGD	*	*	once/month	24 hr estimate
Biochemical Oxygen Demand ₅	mg/l	15	10	once/month	**
Non-Filterable Residue mg/l (Total Suspended Solids)		20	15	once/month	**
pH - Units	SU	***	***	once/month	grab
Fecal Coliform (Colonies/100 ml)	#/100 ml	1000	400	once/month	grab

* Monitoring requirement only.

** A composite sample made up from a minimum of four grab samples collected within a 24 hour period with a minimum of two hours between each grab sample.

*** pH is measured in pH units and is not to be averaged. The pH is limited to the range of 6.0-9.0 pH units.

PROPOSED SPECIAL CONDITIONSLand Application of Sludge

- (a) Sludge shall be removed from the facility on a routine schedule based on operational testing and/or sludge holding capacity and handled in accordance with the method stated in the permit facility description.
- (b) Sludge application to land shall be at agricultural rates and shall be conducted in accordance with a sludge management plan approved by the Department. The sludge management plan shall address the features specified in "Agricultural Use of Municipal Wastewater Sludge", January, 1985, Department of Natural Resources, and any applicable federal sludge disposal standards and limitations.

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PROPOSED SPECIAL CONDITIONS (cont.)

- (c) An annual report shall be submitted with the last regular monitoring report of each year. The annual report shall summarize sludge management operations: who removed the sludge, the number of gallons or quantity of sludge removed, the % solids of the sludge, the amount of sludge applied per acre, the dates and locations of the applications, the sludge testing and soil testing performed, and the cumulative amount of sludge applied per acre at each location.
- (d) Sludge monitoring requirements shall be performed in accordance with, "POTW Sludge Sampling and Analysis Guidance Document", United States Environmental Protection Agency, August 1989, and subsequent revisions.
- (e) This permit may (after due process) be modified, or alternatively revoked and reissued, to comply with any applicable sludge disposal standard or limitation so issued or approved under Section 405(d) of the Clean Water Act.